

Abstract

A spacer for a long substrate in the interior of a long tube, with a superinsulation material being disposed between the substrate and the tube. The spacer includes two rings (3, 4) seated on the substrate (1) and spaced apart from each other at a longitudinal axial distance, a tube section (5) supported on the rings (3, 4) and a second ring (6) disposed on the tube section (5). The first rings (3, 4), the tube section (5) and the second ring (6) are made of a material with poor thermal conductivity and high mechanical strength.